

***Amendments to the Claims***

The listing of claims will replace all prior versions, and listings of claims in the application.

1-20. (*cancelled*)

21. (*new*) A method of enabling a user to organize and analyze information, comprising:

searching an input first group of documents to output a second group of documents;

analyzing an input third group of documents according to one or more analytical functions to output a fourth group of documents; and

selectively iterating at least one of the searching or the analyzing using one of the second group or the fourth group as the input.

22. (*new*) The method of claim 21, further comprising:

making at least one of the second group or the fourth group a permanent group.

23. (*new*) The method of claim 21, wherein the searching comprises:

performing a cluster analysis of the first group of documents to create a hierarchical arrangement of groups containing documents from the first group, wherein the second group is one of the hierarchical arrangement of groups.

24. (*new*) The method of claim 21, further comprising:

performing a relevancy visualization analysis of one of the first group and the third group to identify how documents contained therein are inter-related with respect to key terms.

25. (*new*) The method of claim 24, wherein relevancy visualization analysis operates according to a rule book.

26. (*new*) The method of claim 25, wherein the rule book comprises patent specific rules.

27. (*new*) The method of claim 21, further comprising:  
generating an object corresponding to a search process component or an analyze process component of a work flow represented by the searching, analyzing, and selective iterating.

28. (*new*) The method of claim 27, wherein an object is generated using object definitions.

29. (*new*) The method of claim 28, wherein the object definitions comprise:  
a boolean operation object definition;  
a corporate family operating object definition;  
an export object definition;  
a folder object definition;  
an import object definition;  
a list exploder operation object definition;  
a list object definition;  
a query object definition; or  
a patent family dedupe object definition.

30. (*new*) The method of claim 27, further comprising:  
saving the at least one object.

31. (*new*) The method of claim 27, further comprising:  
re-executing the work flow by traversing the at least one object.

32. (*new*) The method of claim 27, further comprising:  
creating a new work flow by modifying the at least one object.

33. (*new*) The method of claim 21, further comprising:  
annotating at least one of the first group, third group, or any portion of  
any document contained in the first group or the third group.

34. (*new*) The method of claim 21, wherein the initial group of documents is  
from at least one of a database, an external source, or the Internet.

35. (*new*) A method of organizing and analyzing information, comprising:  
initiating a search of an input first group of documents to output a second  
group of documents;  
initiating an analysis of an input third group of documents according to  
one or more analytical functions to output a fourth group of documents; and  
selectively initiating at least one iteration of the search or the analysis  
using one of the second group or the fourth group as the input.

36. (*new*) The method of claim 35, further comprising:  
making at least one of the second group or the fourth group a permanent  
group.

37. (*new*) The method of claim 35, wherein the initiating a search comprises:  
initiating a performance of a cluster analysis of the first group of  
documents to create a hierarchical arrangement of groups containing documents from the  
first group, wherein the second group is one of the hierarchical arrangement of groups.

38. (*new*) The method of claim 35, further comprising:  
initiating a performance of a relevancy visualization analysis of one of the  
first group and the third group to identify how documents contained therein are inter-  
related with respect to key terms.

39. (*new*) The method of claim 38, wherein relevancy visualization analysis operates according to a rule book.

40. (*new*) The method of claim 39, wherein the rule book comprises patent specific rules.

41. (*new*) The method of claim 35, further comprising:  
initiating a generation of an object corresponding to a search process component or an analysis process component of a work flow represented by the initiating of a search, the initiating of an analysis, and the selective initiating of at least one iteration.

42. (*new*) The method of claim 41, wherein an object is generated using object definitions.

43. (*new*) The method of claim 42, wherein the object definitions comprise:  
a boolean operation object definition;  
a corporate family operating object definition;  
an export object definition;  
a folder object definition;  
an import object definition;  
a list exploder operation object definition;  
a list object definition;  
a query object definition; or  
a patent family dedupe object definition.

44. (*new*) The method of claim 41, further comprising:  
initiating a save of the at least one object.

45. (*new*) The method of claim 41, further comprising:  
initiating a re-execution of the work flow, wherein re-execution is  
accomplished by traversing the at least one object.

46. (*new*) The method of claim 41, further comprising:  
creating a new work flow by modifying the at least one object.

47. (*new*) The method of claim 35, further comprising:  
annotating at least one of the first group, third group, or any portion of  
any document contained in the first group or the third group.

48. (*new*) The method of claim 35, wherein the initial group of documents is  
from at least one of a database, an external source, or the Internet.

49. (*new*) A system, comprising:  
a processor; and  
a memory,  
wherein the processor is capable of searching an input first group of  
documents to output a second group of documents;  
wherein the processor is capable of analyzing an input third group of  
documents according to one or more analytical functions to output a fourth group of  
documents;  
wherein the processor is capable of selective iteration of at least one of the  
searching or the analyzing using one of the second group or the fourth group as the input.

50. (*new*) The system of claim 49, wherein the processor is capable of  
making at least one of the second group or the fourth group a permanent group.

51. (*new*) The system of claim 49, wherein the processor is capable of performing a cluster analysis of the first group of documents to create a hierarchical arrangement of groups containing documents from the first group, wherein the second group is one of the hierarchical arrangement of groups.

52. (*new*) The system of claim 49, wherein the processor is capable of performing a relevancy visualization analysis of one of the first group and the third group to identify how documents contained therein are inter-related with respect to key terms.

53. (*new*) The system of claim 52, wherein relevancy visualization analysis operates according to a rule book.

54. (*new*) The system of claim 53, wherein the rule book comprises patent specific rules.

55. (*new*) The system of claim 49, wherein the processor is capable of generating an object corresponding to a search process component or an analyze process component of a work flow represented by the searching, the analyzing, and the selective iteration.

56. (*new*) The system of claim 55, wherein an object is generated using object definitions.

57. (*new*) The system of claim 56, wherein the object definitions comprise:

- a boolean operation object definition;
- a corporate family operating object definition;
- an export object definition;
- a folder object definition;
- an import object definition;
- a list exploder operation object definition;

a list object definition;  
a query object definition; or  
a patent family dedupe object definition.

58. (*new*) The system of claim 55, wherein the processor is capable of saving the at least one object.

59. (*new*) The system of claim 55, wherein the processor is capable of re-executing the work flow by traversing the at least one object.

60. (*new*) The system of claim 55, wherein the processor is capable of creating a new work flow by modifying the at least one object.

61. (*new*) The system of claim 49, wherein the processor is capable of annotating one of the first group, third group, or any portion of any document contained in the first group or the third group.

62. (*new*) The system of claim 49, wherein the initial group of documents is from at least one of a database, an external source, or the Internet.

63. (*new*) A computer program product having control logic stored therein, the control logic, when executed, enabling a computer to provide a method for organizing and analyzing information, said computer program product comprising:

control logic capable of enabling the computer to search an input first group of documents to output a second group of documents;

control logic capable of enabling the computer to analyze an input third group of documents according to one or more analytical functions to output a fourth group of documents; and

control logic capable of enabling the computer to selectively iterate at least one of the search or the analysis using one of the second group or the fourth group as the input.

64. (*new*) The computer program product of claim 63, further comprising:  
control logic capable of enabling the computer to make at least one of the  
second group or the fourth group a permanent group.

65. (*new*) The computer program product of claim 63, wherein the control  
logic capable of enabling the computer to search comprises:  
control logic capable of enabling the computer to perform a cluster  
analysis of the first group of documents to create a hierarchical arrangement of groups  
containing documents from the first group, wherein the second group is one of the  
hierarchical arrangement of groups.

66. (*new*) The computer program product of claim 63, further comprising:  
control logic capable of enabling the computer to perform a relevancy  
visualization analysis of one of the first group and the third group to identify how  
documents contained therein are inter-related with respect to key terms.

67. (*new*) The computer program product of claim 66, wherein relevancy  
visualization analysis operates according to a rule book.

68. (*new*) The computer program product of claim 67, wherein the rule book  
comprises patent specific rules.

69. (*new*) The computer program product of claim 63, further comprising:  
control logic capable of enabling the computer to generate at least one  
object corresponding to a search process component or analyze process component of a  
work flow represented by the search, the analyze, and the selective iteration.

70. (*new*) The computer program product of claim 69, wherein an object is  
generated using object definitions.

71. (*new*) The computer program product of claim 70, wherein the object definitions comprise:

- a boolean operation object definition;
- a corporate family operating object definition;
- an export object definition;
- a folder object definition;
- an import object definition;
- a list exploder operation object definition;
- a list object definition;
- a query object definition; or
- a patent family dedupe object definition.

72. (*new*) The computer program product of claim 69, further comprising:  
control logic capable of enabling the computer to save the at least one object.

73. (*new*) The computer program product of claim 69, further comprising:  
control logic capable of enabling the computer to re-execute the work flow by traversing the at least one object.

74. (*new*) The computer program product of claim 69, further comprising:  
control logic capable of enabling the computer to create a new work flow by modifying the at least one object.

75. (*new*) The computer program product of claim 63, further comprising:  
control logic capable of enabling the computer to annotate one of the first group, third group, or any portion of any document contained in the first group or the third group.

76. (*new*) The computer program product of claim 63, wherein the initial group of documents is from at least one of a database, an external source, or the Internet.

77. (*new*) A device, comprising:

a first logic capable of searching an input first group of documents to output a second group of documents;

a second logic capable of analyzing an input third group of documents according to one or more analytical functions to output a fourth group of documents; and

a third logic capable of selective iteration of at least one of the searching or the analyzing using one of the second group or the fourth group as the input.

78. (*new*) The device of claim 77, further comprising:

a fourth logic capable of making at least one of the second group or the fourth group a permanent group.

79. (*new*) The device of claim 77, wherein the first logic comprises:

a fourth logic capable of performing a cluster analysis of the first group of documents to create a hierarchical arrangement of groups containing documents from the first group, wherein the second group is one of the hierarchical arrangement of groups.

80. (*new*) The device of claim 77, further comprising:

a fourth logic capable of performing a relevancy visualization analysis of one of the first group and the third group to identify how documents contained therein are inter-related with respect to key terms.

81. (*new*) The device of claim 80, wherein relevancy visualization analysis operates according to a rule book.

82. (*new*) The device of claim 81, wherein the rule book comprises patent specific rules.

83. (*new*) The device of claim 77, further comprising:

a fourth logic capable of generating an object corresponding to a search process component or an analyze process component of a work flow represented by the search, the analyze, and the selective iteration.

84. (*new*) The device of claim 83, wherein an object is generated using object definitions.

85. (*new*) The device of claim 84, wherein the object definitions comprise:  
a boolean operation object definition;  
a corporate family operating object definition;  
an export object definition;  
a folder object definition;  
an import object definition;  
a list exploder operation object definition;  
a list object definition;  
a query object definition; or  
a patent family dedupe object definition.

86. (*new*) The device of claim 83, further comprising:  
a fifth logic capable of saving the at least one object.

87. (*new*) The device of claim 83, further comprising:  
a fifth logic capable of re-executing the work flow by traversing the at least one object.

88. (*new*) The device of claim 83, further comprising:  
a fifth logic capable of creating a new work flow by modifying the at least one object.

89. (*new*)      The c device of claim 77, further comprising:  
                  a fourth logic capable of annotating one of the first group, third group, or  
                  any portion of any document contained in the first group or the third group.

90. (*new*)      The device of claim 77, wherein the initial group of documents is  
                  from at least one of a database, an external source, or the Internet.